WHAT IS CLAIMED IS:

1.   A computer readable recording medium recording thereon a program, which causes a computer to execute:

     a process operation for storing a print command converted from print data into a memory;

     a process operation for reading the stored print command to transmit the read print command to a printing apparatus; and

     a process operation for rendering a storage area of said memory where said print command has been stored, rewritable when said print command is read out.

2.   A recording medium as claimed in claim 1 wherein:

     said recording medium records thereon a program for causing said computer to execute a process operation by which data for controlling read/write operation of a print command to said memory is produced, and said control data is stored into another storage area of said memory.

3.   A recording medium as claimed in claim 2 wherein:

     said recording medium records thereon a program containing a size of said memory and a data amount presently stored in said memory as said control data.

4.   A recording medium as claimed in claim 2 wherein:

2   said recording medium records thereon a program

3   containing information indicative of a position within said

4   memory where said print command is stored as said control

5   data.

1   5.   A recording medium as claimed in claim 1 wherein:

2   said recording medium records thereon a program for

3   causing the computer to further execute;

4   a process operation for acquiring an index

5   indicative of a stored amount of said print command within

6   said memory; and

7   a process operation for stopping a process operation

8   for storing said print command into the memory when said

9   index is larger than, or equal to a first preset threshold

10   value.

1   6.   A recording medium as claimed in claim 5 wherein:

2   said recording medium records thereon a program for

3   causing the computer further to execute:

4   a process operation for stopping a process operation

5   for reading said stored print command when said index is

6   smaller than, or equal to a second preset threshold value.

1   7.   A recording medium as claimed in claim 1 wherein:

2   said recording medium records thereon a program for

3   causing the computer to further execute:

4   a process operation for acquiring an index

5   indicative of a stored amount of said print command within

6   said memory; and

7   a process operation for stopping a process operation

8   for reading said stored print command when said index is

9   smaller than, or equal to a second preset threshold value.

1   8.   A recording medium as claimed in claim 1 wherein:

2   said recording medium records thereon a program for

3   causing the computer further to execute:

4   a process operation for storing said converted print

5   command into a file having such a nature that a print

6   command is saved until a print job is ended, when a print

7   job contains an instruction for printing plural sheets of

8   the same page.

1   9.   A recording medium as claimed in claim 8 wherein:

2   said recording medium records thereon a program for

3   causing the computer further to execute:

4   a process operation for storing, when said print

5   command cannot be saved in said file, the not-yet-saved

6   print command into said memory.

1   10.   A printing control method for controlling writing

2   and transmitting of a print command, which comprises:

3   a process operation for storing a print command

4   converted from print data into a memory;

5   a process operation for reading the stored print

6   command to transmit the read print command to a printing

7   apparatus; and

8   a process operation executed for rendering a storage

9   area of said memory where said print command has been

10   stored rewritable when a print command is read out.

1   11.   A printing control method as claimed in claim 10

2   which further comprises:

3   a process operation for acquiring an index

4   indicative of a stored amount of said print command within

5   said memory; and

6   a process operation for stopping, when said index is

7   larger than, or equal to a first preset threshold value,

8   such a process operation for storing said print command

9   into the memory.

1   12.   A printing control method as claimed in claim 11

2   which further comprises:

3   a process operation for stopping, when said index is

4   smaller than, or equal to a second preset threshold value,

5   such a process operation for reading said stored print

6   command.

1   13.   A printing control method as claimed in claim 10

2 which further comprises:

3   a process operation for storing, when a print job

4 contains an instruction for printing plural sheets of the

5 same page, said converted print command into a file having

6 such a nature that a print command is saved until a print

7 job is ended.

1 14.   A printing control method as claimed in claim 13

2 which further comprises:

3   a process operation for storing, when said print

4 command cannot be saved in said file, said not-yet-saved

5 print command into said memory.

1 15.   A printing control apparatus for controlling

2 writing/transmitting operations of a print command,

3 comprising:

4   means which stores a print command converted from

5 print data into a memory;

6   means which reads the stored print command to

7 transmit the read print command to a printing apparatus;

8 and

9   means which renders, when a print command is read

10 out, the storage area of said memory where said print

11 command has been stored rewritable.

1 16.   A printing control apparatus as claimed in claim 15,

2   further comprising:

3   means which acquires an index indicative of a stored

4   amount of said print command within said memory; and

5   means which stops, when said index is larger than,

6   or equal to a first preset threshold value, such a process

7   operation for storing said print command into the memory.

1   17.   A printing control apparatus as claimed in claim 16,

2   further comprising:

3   means which stops, when said index is smaller than,

4   or equal to a second preset threshold value, such a process

5   operation for reading said stored print command.

1   18.   A printing control apparatus as claimed in claim 15,

2   further comprising:

3   means which stores, when a print job contains an

4   instruction for printing plural sheets of the same page,

5   said converted print command into a file having such a

6   nature that a print command is saved until a print job is

7   ended.

1   19.   A printing control apparatus as claimed in claim 18,

2   further comprising:

3   means which stores, when said print command cannot

4   be saved in said file, the not-yet-saved print command into

5   said memory.

1   20.   A computer readable recording medium for recording

2   thereon a program for causing a computer to execute:

3   a converting/storing process operation for

4   converting print data into a print command having a

5   predetermined format and for storing the converted print

6   command into a first memory;

7   a first stopping process operation for stopping said

8   converting/storing process operation in the case that a

9   ratio of a print command amount stored into said first

10 memory to a storage capacity of said first memory is larger

11 than, or equal to a first threshold value;

12   a reading/storing process operation for reading said

13 stored print command and for storing said read print

14 command into a second memory;

15   a transmitting process operation for transmitting

16 the print command stored into said second memory to a

17 printing apparatus;

18   a releasing process operation for executing a

19 process operation such that a storage area of said first

20 memory from which said print command is read is rewritable;

21   a second stopping process operation for stopping

22 said reading/storing process operation in the case that a

23 ratio of a print command amount stored into said first

24 memory to the storage capacity of said first memory is

25 smaller than, or equal to a second threshold value; and

26   a third stopping process operation for stopping said

27 reading/storing process operation in such a case that a

28 ratio of a print command amount stored into said second

29 memory to a storage capacity of said second memory is

30 larger than, or equal to a third threshold value.

1 21. A printing control method comprising:

2 a converting/storing step for converting print data

3 into a print command having a predetermined format and for

4 storing said converted print command into a first memory;

5 a first stopping step for stopping said

6 converting/storing step in the case that a ratio of a print

7 command amount stored into said first memory to a storage

8 capacity of said first memory is larger than, or equal to a

9 first threshold value;

10 a reading/storing step for reading said stored print

11 command and for storing said read print command into a

12 second memory;

13 a transmitting step for transmitting the print

14 command stored into said second memory to a printing

15 apparatus;

16 a releasing step for executing a process operation

17 such that a storage area of said first memory from which

18 said print command is read is rewritable;

19 a second stopping step for stopping said

20 reading/storing step in the case that a ratio of a print

21 command amount stored into said first memory to the storage

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22 capacity of said first memory is smaller than, or equal to

23 a second threshold value; and

24   a third stopping step for stopping said

25 reading/storing step in such a case that a ratio of a print

26 command amount stored into said second memory to a storage

27 capacity of said second memory is larger than, or equal to

28 a third threshold value.

1   22.   A printing control apparatus comprising:

2   converting/storing means which converts print data

3   into a print command having a predetermined format and for

4   storing said converted print command into a first memory;

5   first stopping means which stops said

6   converting/storing means in the case that a ratio of a

7   print command amount stored into said first memory to a

8   storage capacity of said first memory is larger than, or

9   equal to a first threshold value;

10   reading/storing means which reads said stored print

11 command and for storing said read print command into a

12 second memory;

13   transmitting means which transmits the print command

14 stored into said second memory to a printing apparatus;

15   releasing means which executes a process operation

16 such that a storage area of said first memory from which

17 said print command is read is rewritable;

18   second stopping means which stops said

19 reading/storing means in the case that a ratio of a print

20 command amount stored into said first memory to the storage

21 capacity of said first memory is smaller than, or equal to

22 a second threshold value; and

23   third stopping means which stops said

24 reading/storing means in such a case that a ratio of a

25 print command amount stored into said second memory to a

26 storage capacity of said second memory is larger than, or

27 equal to a third threshold value.